

INTERNATIONAL SEARCH REPORT

Internat'nal Search Report

PCT/US04/33178

A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) : A61K 39/00; A01N 43/04; A61K 31/70 US CL : 424/198.1; 514/44		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) U.S. : 424/198.1 ; 514/44		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST, CAplus, EMBASE, Medline, BIOSIS, STN		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A — Y	Diez et al. The role of novel adipocyte-derived hormone adiponectin in human disease. <i>Europ. J. Endocrinology</i> 148: 293-300 (2003), see page 294, column 1, paragraph 2.	1-12 and 17-20 ----- 13-16
A — Y	Matsuda, et al. Role of Adiponectin in Preventing Vascular Stenosis. <i>J. Biol. Chem.</i> 277(40):37487-91 (2002), see abstract and page 37489 column 1 and Figures 1 and 2	1-12 and 17-20 ----- 13-16
A — Y	Kubota, et al. Disruption of Adiponectin Causes Insulin Resistance and Neointimal Formation. <i>J. Biol. Chem.</i> 277(29): 25863-66 (2002), see page 25865, Figure 3.	1-12 and 17-20 ----- 13-16
T	Ouchi et al. Adiponectin stimulates angiogenesis by promoting cross-talk between AMP-activated protein kinase and Akt signaling in endothelial cells. <i>J. Bio. Chem.</i> 279(2): 1304-1309 (2004), see page 1308, column 1, Adiponectin promotes vessel growth in vivo, and Figure 5.	1-12 and 17-20

Further documents are listed in the continuation of Box C.

See patent family annex.

• Special categories of cited documents	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent published on or after the international filing date	"Y"	document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search <u>08 November 2005 (08.11.2005)</u>	Date of mailing of the international search report <u>13 DEC 2005</u>
Name and mailing address of the ISA/US Mail Stop PCT, Attn ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized by Jo Ann Rinaudo Telephone No. 571.272.1600 

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International application No.
PCT/US04/33178

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category #	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	Shibata, et al. Adiponectin stimulates angiogenesis in response to tissue ischemia through stimulation of AMP-activated protein kinase signaling. <i>J. Biol. Chem.</i> 279(27):28670-28674 (2004), see page 28672, column 1, elevated adiponectin levels promote angiogenesis in response to ischemia, and Figure 3.	1-12 and 17-20